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Atty. Docket No.: 22085/2112

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Timperman

Examiner: Beisner,
William H.

Serial No.: 10/784,393

Filed: February 23, 2004

Group Art Unit: 1744

Titled: Apparatus and Method for On-Chip
Concentration Using a Microfluidic
Device with an Integrated Ultrafiltration
Membrane Structure

Conf. No.: 8432

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, **Express Mail Label No. EV239982999US** on this date, **March 29, 2005**, postage prepaid, in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Michael P. Doyle

Name of Person Mailing Paper

Signature of Person Mailing Paper

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Enclosed for filing in the above-identified patent application, please find the following documents:

1. Response to Office Action mailed December 29, 2004; and
2. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any fees to Deposit Account No. 16-0085, Reference 22085/2112. A duplicate of this transmittal letter is enclosed for this purpose.

Date: March 29, 2005

Respectfully submitted,

Name: Michael P. Doyle

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**Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

AMENDMENT AND REPLY

Sir:

This Amendment is being filed in response to the Office Action mailed from the U.S. Patent and Trademark Office on December 29, 2004 in the above-identified application. Reconsideration and further examination are requested.

Amendments to the Claims are shown in the "Listing of the Claims" which begins on page 2 of this paper.

Remarks begin on page 7 of this paper.

Please enter the following amendments and remarks.